

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES  
Antimicrobials Division

May 28, 2002

**SUBJECT: PRODUCT CHEMISTRY REVIEW OF:  
Protram 98**

**DP Barcode: 282625**

**Reg. No. Or File Symbol: 72304-5**

**Technical grade active ingredient[X]**

**End-use Product [ ]**

**TO:** Adam Heyward/LaVerne Dobbins  
PM Team No. 34

**FROM:** Nancy Whyte, Chemist *now*  
Product Science Branch, CT Team  
Antimicrobials Division (7510C)

**THRU:** Karen P. Hicks, CT Team Leader  
Product Science Branch  
Antimicrobials Division (7510C)

*[Handwritten signature and date 5/29/02]*

**THRU:** Michele E. Wingfield, Chief  
Product Science Branch  
Antimicrobials Division (7510C)

**Product Formulation**

**Active Ingredient(s)**

**% by wt.**

3-Iodo-2-propynyl butylcarbamate

98.0%

**BACKGROUND:**

The registrant has submitted product chemistry data to support the registration of an alternate source of the chemical used as a technical grade active ingredient in the manufacture of antimicrobial pesticides. The material contained in one volume MRID No. 456477-01 gave a detailed analysis by an independent laboratory of the active ingredient, amount of water and the percentage present of the one impurity propynyl butylcarbamate. This alternate formula will be

produced at a site in Kentucky.

**FINDINGS:**

1. The method used for analysis is gas chromatography with a flame ionization detector.
2. The revised Confidential Statement of Formula for the alternate production lists the correct nominal concentration of 98.0%. This figure agrees with the amount listed in the label ingredient claims statement, conforming to the recommendations of PR Notice 91-2.
2. The certified limits for the active ingredient have been correctly calculated.

**RECOMMENDATIONS:**

1. The chemistry data submitted to support an alternate production site for the technical grade active ingredient is acceptable.
2. The Confidential Statement of Formula, dated May 21, 2002 is approved.